



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Appl No. : 09/649,499 Confirmation No. 8209  
Applicant : William F. Jones  
Filed : 08/28/2000  
TC/A.U. : 2621  
Examiner : Tom Y. Lu  
Docket No. : 26242.00  
Customer No. : 22465  
  
Assignee : CTI PET Systems, Inc.  
Title : On-Line Correction of Patient Motion In Three-Dimensional  
Positron Emission Tomography  
Express Mail : EV 456504610 US

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Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

**RESPONSE TO PAPER NUMBER 20041022**  
**MAILED December 28, 2004**

Sir:

In response to the Office action of December 28, 2004, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.